

ABSTRACT OF THE DISCLOSURE

A liquid crystal display device includes an upper substrate including a first soda lime glass material, an ion blocking layer on the first soda lime glass material, a color filter layer, and a common electrode, a lower substrate including a second soda lime glass material, a transparent organic insulator on the second soda lime glass material, and a thin film transistor on the transparent organic insulator, and a liquid crystal material layer interposed between the upper substrate and the lower substrate.